bio-protocol Preprint

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Cell culture and hepatocytes optimization

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An abbreviated version of this protocol was published in Science Translational Medicine in Jul 2020

An extracorporeal bioartificial liver embedded with 3D-layered human liver progenitor-like cells relieves acute liver failure in pigs

DOI: 10.1126/scitranslmed.aba5146

Detailed protocol

The carriers are the product of Shanghai Celliver Biotechnology Inc. Ltd. with independent intellectual property rights and the carrier sheet fiber spacing is 0 to 100μm for cell culture.

How to cite:（Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used）

1. Li, W. (2021). Cell culture and hepatocytes optimization. Bio-protocol Preprint. bio-protocol.org/prep771.
2. Li, W., Zhu, X., Yuan, T., Wang, Z., Bian, Z., Jing, H., Shi, X., Chen, C., Fu, G., Huang, W., Shi, Y., Liu, Q., Zeng, M., Zhang, H., Wu, H., Yu, W., Zhai, B. and Yan, H.(2020). An extracorporeal bioartificial liver embedded with 3D-layered human liver progenitor-like cells relieves acute liver failure in pigs . Science Translational Medicine 12(551). DOI: 10.1126/scitranslmed.aba5146

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